



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5425-043
Job Sheet 195762



Part No: D5425-043

Job Qty: 1 pcs

Part Name: Float Skidtube Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/30/19

Job Tracking No:

Due Date: 7/5/19

Created By: Kimberley Guerin

Type: Stock

Description:

Note: DWG D5425 REV.B IPP REV:A 17.11.02 NEW ISSUE DD VERF:JFS IPP REV:B 18.08.20 AS PER DWG
REV.B DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Skidtubes - 1	1 pcs	7/5/19		0.00	8.24	Skidtubes - 1		TF
							Skidtubes - 2		
							Skidtubes - 3		
							Skidtubes - 4		
							Skidtubes - 5		
							Skidtubes - 6		
							Skidtubes - 7		
120	HAAS 4 Axis - B4B	1 pcs	7/5/19		1.00	22.77	HAAS - 1 - B4B		
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
130	QC 2	1 pcs	7/5/19		0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		



Container No: S187874



Part: D5425-043

Job No: 195762

Serial No/Batch: S187874

Revision: B

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 06/05/19

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DAS
64
9-89

				QC 2 - 49	
				QC 2 - 50	
				QC 2 - 51	
				QC 2 - 52	
				QC 2 - 57	
				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	MM. 2019/04/23
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
140 QC 8	1	7/5/19	0.00 0.00	QC 8 - 12	
	pcs			QC 8 - 14	MM 19/06/24
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
150 Handfinish - 1-1 Chemical-B4B	1	7/5/19	0.00 0.24	Handfinish - 1 - 1 - B4B	MM 19/06/24
	pcs			Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 -	

				B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
160 QC 7	1 pcs	7/5/19	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 41	
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
				QC 7 - 40	
				QC 7 - 24	
				QC 7 - 43	
170 Skidtubes - Bend - 2 - B4B	1 pcs	7/5/19	0.50 2.63	Skidtubes - Bend - B4B	
180 QC 5	1 pcs	7/5/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	

				QC 5 - 30	
				QC 5 - 40	
190 Skidtubes - 2 - B4B	1 pcs	7/5/19	0.00 8.24	Skidtubes - 1 - B4B	
				Skidtubes - 2 - B4B	
				Skidtubes - 3 - B4B	
				Skidtubes - 4 - B4B	TF
				Skidtubes - 5 - B4B	
				Skidtubes - 6 - B4B	
				Skidtubes - 7 - B4B	
200 QC 5	1 pcs	7/5/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	DAS
				QC 5 - 68	JUN 26 2019 58
				QC 5 - 9	9-89
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
210 Handfinish - 6-1- Touch Up- B4B	1 pcs	7/5/19	0.00 0.24	Handfinish - 6 - 1 - B4B	
				Handfinish - 6 - 2 - B4B	
				Handfinish - 6 - 3 - B4B	
				Handfinish - 6 - 4 - B4B	★ JUN 26 2019
				Handfinish - 6 - 5 - B4B	
				Handfinish - 6 - 6 - B4B	
				Handfinish - 6 - 7 - B4B	
				Handfinish - 6 - 8 - B4B	
				Handfinish - 6 - 9 - B4B	
				Handfinish - 6 - 10 - B4B	
				Handfinish - 6 - 11 - B4B	
				Handfinish - 6 - 12 - B4B	
				Handfinish - 6 - 13 - B4B	
				Handfinish - 6 - 14 - B4B	
				Handfinish - 6 - 15 - B4B	
				Handfinish - 6 - 16 - B4B	
				Handfinish - 6 - 17 - B4B	
				Handfinish - 6 - 18 - B4B	
				Handfinish - 6 - 19 - B4B	
				Handfinish - 6 - 20 - B4B	
				Handfinish - 6 - 21 - B4B	
				Handfinish - 6 - 22 - B4B	

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220 QC 7	1 pcs	7/5/19	0.00	0.00	QC 7 - 10	
					QC 7 - 13	
					QC 7 - 14	
					QC 7 - 15	
					QC 7 - 17	
					QC 7 - 18	
					QC 7 - 19	
					QC 7 - 2	
					QC 7 - 28	
					QC 7 - 3	
					QC 7 - 30	
					QC 7 - 34	
					QC 7 - 36	
					QC 7 - 37	
					QC 7 - 41	
					QC 7 - 47	
					QC 7 - 48	
					QC 7 - 51	
					QC 7 - 58	
					QC 7 - 59	
					QC 7 - 60	<i>mba</i>
					QC 7 - 9	
					QC 7 - 68	
					QC 7 - 50	
					QC 7 - 67	
					QC 7 - 40	
					QC 7 - 24	
					QC 7 - 43	
230 Skidtubes - 3 - B4B	1 pcs	7/5/19	0.00	8.24	Skidtubes - 1 - B4B	
					Skidtubes - 2 - B4B	
					Skidtubes - 3 - B4B	<i>mba</i>
					Skidtubes - 4 - B4B	
					Skidtubes - 5 - B4B	
					Skidtubes - 6 - B4B	
					Skidtubes - 7 - B4B	
240 QC 5	1 pcs	7/5/19	0.00	0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
250 Handfinish - 6-2- Touch Up- B4B	1 pcs	7/5/19	0.00	0.00	Handfinish - 6 - 1 - B4B	
					Handfinish - 6 - 2 - B4B	
					Handfinish - 6 - 3 - B4B	
					Handfinish - 6 - 4 - B4B	<i>mba</i> JUL 1 1 2019
					Handfinish - 6 - 5 - B4B	
					Handfinish - 6 - 6 - B4B	
					Handfinish - 6 - 7 - B4B	

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				Handfinish - 6 - 8 - B4B	
				Handfinish - 6 - 9 - B4B	
				Handfinish - 6 - 10 - B4B	
				Handfinish - 6 - 11 - B4B	
				Handfinish - 6 - 12 - B4B	
				Handfinish - 6 - 13 - B4B	
				Handfinish - 6 - 14 - B4B	
				Handfinish - 6 - 15 - B4B	
				Handfinish - 6 - 16 - B4B	
				Handfinish - 6 - 17 - B4B	
				Handfinish - 6 - 18 - B4B	
				Handfinish - 6 - 19 - B4B	
				Handfinish - 6 - 20 - B4B	
				Handfinish - 6 - 21 - B4B	
				Handfinish - 6 - 22 - B4B	
260 QC 7	1 pcs	7/5/19	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 41	AR 19-7-15
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
				QC 7 - 40	
				QC 7 - 24	
				QC 7 - 43	
270 Spray Paint - 2 - B4B	1 pcs	7/5/19	0.00 0.00	Spray Paint - 1 - B4B	AR 19-7-15
				Spray Paint - 2 - B4B	
				Spray Paint - 3 - B4B	
				Spray Paint - 4 - B4B	
280 QC 14	1 pcs	7/5/19	0.00 0.00	QC 14 - 15	AR 19-7-16

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					QC 14 - 2	
					QC 14 - 34	
					QC 14 - 41	
					QC 14 - 51	
					QC 14 - 58	
					QC 14 - 59	
					QC 14 - 9	
					QC 14 - 68	
					QC 14 - 40	
					QC 14 - 19	
					QC 14 - 43	
					QC 14 - 24	
282 Outsource - 11 - Paint	1 pcs	7/5/19			ATE003-VC	2
284 Packaging 2-1 - Receive - B4B	1 pcs	7/5/19	0.00	0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
286 QC 6	1 pcs	7/5/19	0.00	0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
290 Handfinish - 4-1-Assembly-B4B	1 pcs	7/5/19	0.00	0.24	Handfinish - 4 - 1 - B4B	del 19-7-1C
					Handfinish - 4 - 10 - B4B	
					Handfinish - 4 - 11 - B4B	
					Handfinish - 4 - 12 -	

				B4B	
				Handfinish - 4 - 13 - B4B	
				Handfinish - 4 - 14 - B4B	
				Handfinish - 4 - 15 - B4B	
				Handfinish - 4 - 2 - B4B	
				Handfinish - 4 - 3 - B4B	
				Handfinish - 4 - 4 - B4B	
				Handfinish - 4 - 5 - B4B	
				Handfinish - 4 - 6 - B4B	
				Handfinish - 4 - 7 - B4B	
				Handfinish - 4 - 8 - B4B	
				Handfinish - 4 - 9 - B4B	
300	QC 5	1 pcs	7/5/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
310	Packaging 3-1 - Stock - B4B	1 pcs	7/5/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B

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JUL 16 2019



					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	DAS
					Packaging 3 - 35 - B4B	21
					Packaging 3 - 36 - B4B	9-85 JUL 23 2019
320 QC 21 - SA	1 pcs	7/5/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	21 JUL 23 2019

Part Op 110 - 1-Cut tube to finished length as per Dwg. 2-Deburr ends as per Dwg.

Descriptions: 120 - 1-Machine as per Dwg. and Folio FB536 DWG REV: _____ FOLIO REV: _____ 2-Deburr as per Dwg.

130 - (QC2- Inspect parts off machine FAI/FAIB)

140 - (QC8- Inspect parts - second check)

150 - 1-Scrub inside of tube with medium scotchbright.

160 - (QC7-Inspect Chemical Conversion Coat)

170 - 1-Bend Aft end of tube as per Dwg. and Folio _____. Insert Bending mandrel DT 10328 at 20.0" from aft end. Use buggy A,B,C. to stabilize tube. HEIGHT 4.375 2-Bend Forward end of tube as per Dwg. and Folio _____. Insert Bending mandrel DT 10328 at 12.0" from fwd end. Use buggy A,B,C To stabilize tube. HEIGHT 7.050 3-Record dimensions on work order.

180 - (QC5- Inspect part completeness to step on W/O)

190 - 1-Drill remaining holes of DETAIL M, N, P. USING DT10340 A,B,C,D 2-Open holes to finished size as per Dwg. 3-Deburr holes per QSI002 section 4.2.3 and blow out all chips from inside of tube.

200 - (QC5- Inspect part completeness to step on W/O)

220 - (QC7-Inspect Chemical Conversion Coat)

230 - 1-Wet install crossbolt spacers of Section G-G. Swage to 0.437 as per Dwg. PRIMER B S108160 Start Time: _____ Finish Time: _____ ***CURE TIME 6HRS. BEFORE PROCEEDING TO NEXT STEP*** 2-Swage crossbolt spacers of Section F-F to 0.313 as per Dwg. 3-Trim / Grind flush, deburr. 4-Identify per QSI 044 6.1

240 - (QC5- Inspect part completeness to step on W/O)

250 - (Touch up alodine) ***DO NOT SUBMERGE TUBE IN DEOXODIZER***

260 - (QC7-Inspect Chemical Conversion Coat)

270 - (Spray Paint / NDT Room) ***PLUG ALL CROSSBOLT SPACER HOLES PRIOR TO PRIME AND PAINT*** 1-PRIME AS PER DWG AND QSI005 4.2.1.3.3 PRIMER BATCH: _____ 2-PAINT AS PER DWG AND QSI005 4.2.2.4 PAINT BATCH: _____

280 - (QC14- Inspect Spray Paint)

282 - ***PLUG ALL CROSSBOLT SPACER HOLES PRIOR TO PRIME AND PAINT*** 1-PRIME AS PER DWG AND QSI005 4.2.1.3.3 PRIMER BATCH: S189559 2-PAINT AS PER DWG AND QSI005 4.2.2.4 PAINT BATCH: S192331

284 - C OF C IS REQUIRED

290 - (Assemble as per dwg) 1-Install FWD and AFT cap seal with sikaflex-241 / 291 B _____ Exp: _____ Start time: _____ Finish time: _____ 2-Coat all exposed hardware with LPS Procyon. Remove any excess off with MEK degreaser. A/R LPS Procyon B M1133646

300 - (QC5- Inspect part completeness to step on W/O)

310 - (Identify as per dwg & Stock Location: _____)

320 - (QC21- Final Inspection - Work Order Release)

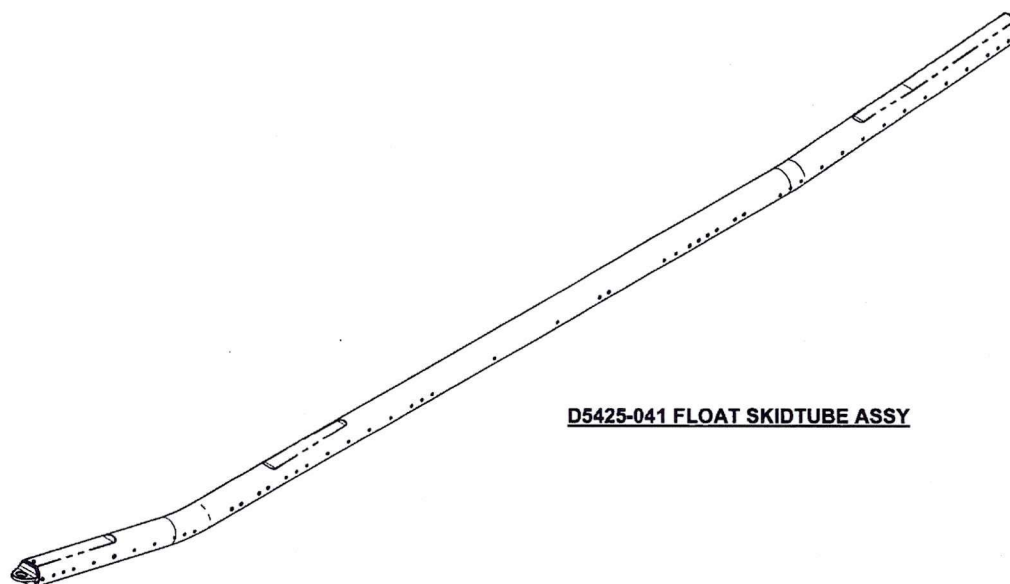
Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D6028-195	Crosstube Material, 7075-T73/T73511	1 pcs (1 ea)	110-Skidtubes - 1	
D5518-1	Crossbolt Spacer	18 pcs (18 ea)	230-Skidtubes - 3 - B4B	
D5512-1	Crossbolt Spacer	12 pcs (12 ea)	230-Skidtubes - 3 - B4B	
AN3C5A	Bolt	6 Ea (6 ea)	290-Handfinish - 4-1-Assembly-B4B	
D3672-1	Washer, Phenolic	6 pcs (6 ea)	290-Handfinish - 4-1-Assembly-B4B	
D5483-041	Tow Cap Assembly	1 pcs (1 ea)	290-Handfinish - 4-1-Assembly-B4B	
D5484-041	Aft Cap Assembly	1 pcs (1 ea)	290-Handfinish - 4-1-Assembly-B4B	
NAS1149C0332R	Washer	6 Ea (6 ea)	290-Handfinish - 4-1-Assembly-B4B	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Skidtubes - 1	D6028-195	1	0	0
230-Skidtubes - 3 - B4B	D5512-1	12	42	0
	D5518-1	18	272	0
290-Handfinish - 4-1-Assembly-B4B	AN3C5A	6	1,224	0
	D3672-1	6	1,727	0
	D5483-041	1	10	0
	D5484-041	1	9	0
	NAS1149C0332R	6	3,344	0
Part Specifications				
Specifications could not be found.				

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QTY -041	P/N	DESCRIPTION
X	D5425-041	FLOAT SKIDTUBE ASSY
6	D3672-1	WASHER
1	D5425-1	FLOAT SKIDTUBE
1	D5483-041	TOW CAP ASSY
1	D5484-041	AFT CAP ASSY
12	D5512-1	CROSSBOLT SPACER
37	D5518-1	CROSSBOLT SPACER
6	AN3C5A	BOLT
6	NAS1149C0332R	WASHER



D5425-041 FLOAT SKIDTUBE ASSY

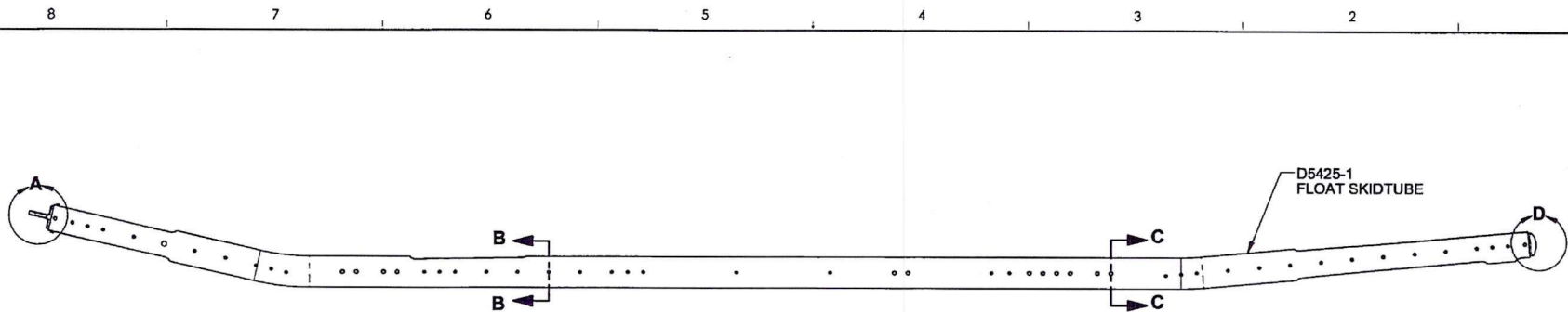
RELEASED

2018 AUG 16
ECN 18-736

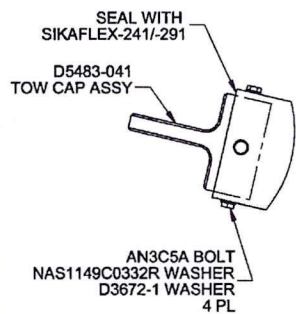
B	CHANGE HOLE SIZE TO IMPROVE OFF-AXIS SWAGING IN SHEETS 5 AND 6 (NCR18-6741). PICTORIAL UPDATE DUE TO CHANGES IN D5483-1.	NO	18.02.05
A	NEW ISSUE	NO	17.07.19
REV.	DESCRIPTION	BY	DATE
DESIGN	NO	DART AEROSPACE USA, INC. EUGENE, OR	
DRAWN	NO	REV. B	
CHECKED	ZF	DRAWING NO. D5425	
MFG. APPR.	DD	SHEET 1 OF 10	
APPROVED	NO	TITLE	
DE APPR.	DS-4	412 FLOAT SKIDTUBE	
DATE	18.02.05	SCALE NTS	

APPROVED

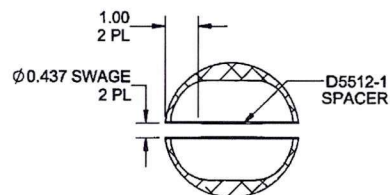
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D5425-041 FLOAT SKIDTUBE ASSY

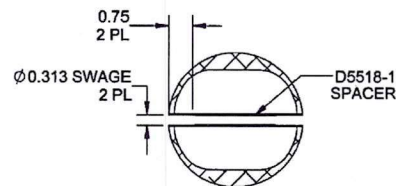


DETAIL A
SCALE 4X



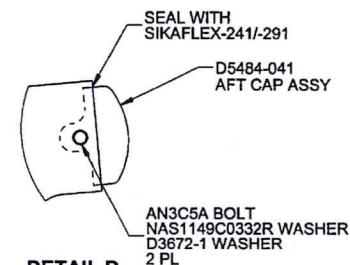
AFTER DRILLING AND BENDING, PERFORM THE FOLLOWING FOR Ø 0.508 HOLES ONLY:
1. WET INSTALL D5512-1 SPACER PER QSI 002
2. SWAGE TO Ø 0.437 X 1.00 DEEP PER QSI 002
3. TRIM / GRIND FLUSH PER QSI 002

SECTION C-C
SCALE 4X
12 PL



AFTER DRILLING AND BENDING, PERFORM THE FOLLOWING FOR Ø 0.377 HOLES ONLY:
1. INSERT D5518-1 SPACER
2. SWAGE TO Ø 0.313 X 0.75 DEEP PER QSI 002
3. TRIM / GRIND FLUSH PER QSI 002

SECTION B-B
SCALE 4X
37 PL



DETAIL D
SCALE 4X

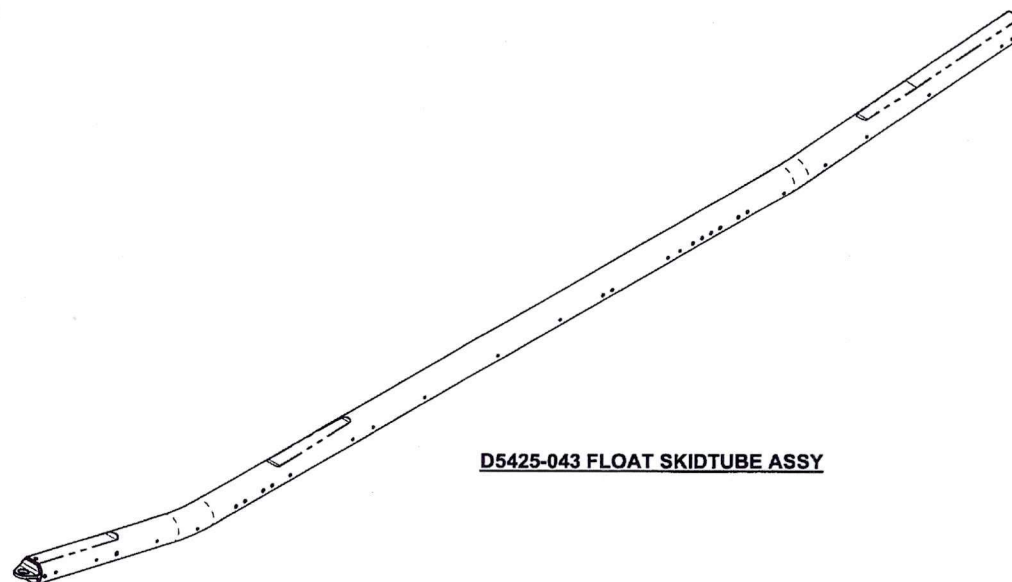
RELEASED

2018 AUG 16

- NOTES:**
1) MATERIAL: N/A
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME PER DART QSI 005 4.2.1.3.3
PAINT PER DART QSI 005 4.2.2.4
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 54.5lbs
8) COAT ALL EXPOSED FASTENERS WITH LPS "LPS PROCYON"

APPROVED	DESIGN	NO	DART AEROSPACE USA, INC.	
	DRAWN	NO	EUGENE, OR	
	CHECKED	ZF	DRAWING NO.	REV. B
	MFG. APPR.	DD	D5425	SHEET 2 OF 10
	APPROVED	NO	TITLE	SCALE
	DE APPR.	DS	412 FLOAT SKIDTUBE	NTS
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QTY -043	P/N	DESCRIPTION
X	D5425-043	FLOAT SKIDTUBE ASSY
6	D3672-1	WASHER
1	D5425-3	FLOAT SKIDTUBE (DART TRIBAG)
1	D5483-041	TOW CAP ASSY
1	D5484-041	AFT CAP ASSY
12	D5512-1	CROSSBOLT SPACER
18	D5518-1	CROSSBOLT SPACER
6	AN3CSA	BOLT
6	NAS1149C0332R	WASHER



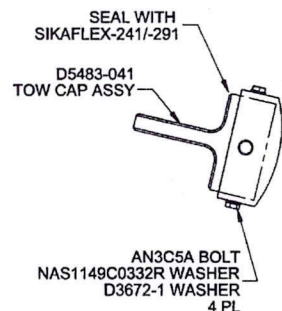
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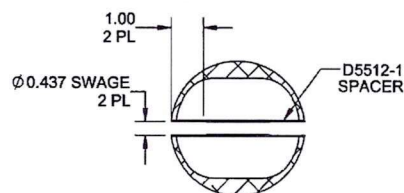
2018 AUG 16 *4p*

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	CHECKED	ZF	DRAWING NO.	REV. B	
	MFG. APPR.	DD	D5425	SHEET 3 OF 10	
	APPROVED	NO	TITLE	SCALE	
	DE APPR.	DS	412 FLOAT SKIDTUBE	NTS	
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D5425-043 FLOAT SKIDTUBE ASSY

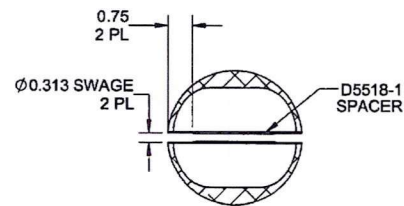


DETAIL E
SCALE 4X



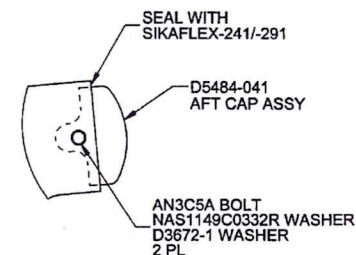
AFTER DRILLING AND BENDING, PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:
1. WET INSTALL D5512-1 SPACER PER QSI 002
2. SWAGE TO Ø0.437 X 1.00 DEEP PER QSI 002
3. TRIM / GRIND FLUSH PER QSI 002

SECTION G-G
SCALE 4X
12 PL



AFTER DRILLING AND BENDING, PERFORM THE FOLLOWING FOR Ø0.377 HOLES ONLY:
1. INSERT D5518-1 SPACER
2. SWAGE TO Ø0.313 X 0.75 DEEP PER QSI 002
3. TRIM / GRIND FLUSH PER QSI 002

SECTION F-F
SCALE 4X
18 PL



DETAIL H
SCALE 4X

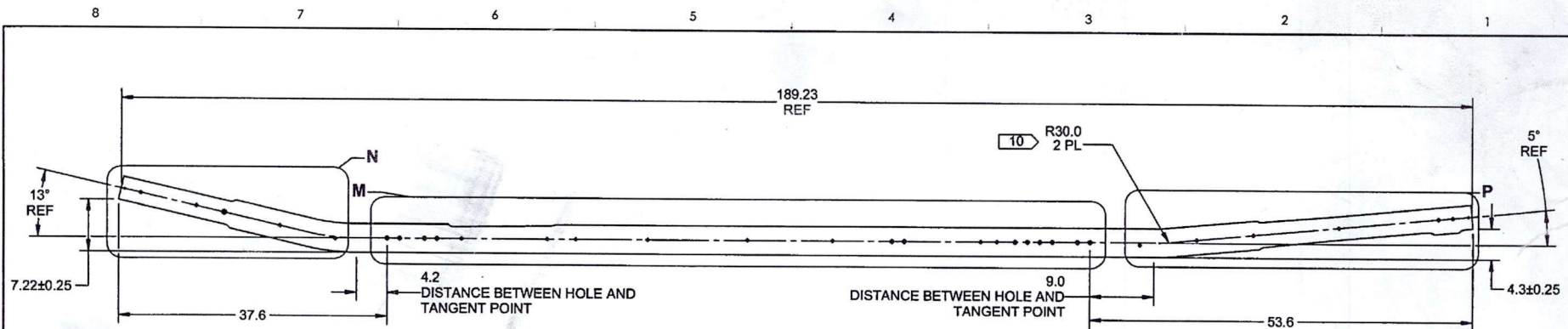
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2018 AUG 16

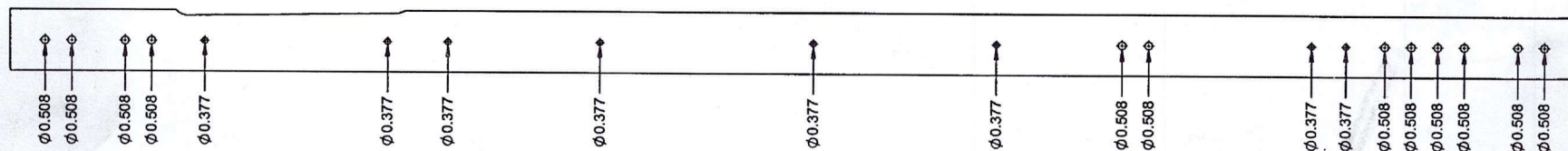
- NOTES:**
1) MATERIAL: N/A
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME PER DART QSI 005 4.2.1.3.3
PAINT PER DART QSI 005 4.2.2.4
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES/N/A
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 54.3lbs
8) COAT ALL EXPOSED FASTENERS WITH LPS "LPS PROCYON"

APPROVED

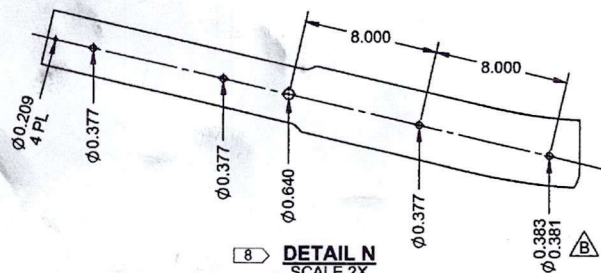
DESIGN	NO	DART AEROSPACE USA, INC.	
DRAWN	NO	EUGENE, OR	
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5425	SHEET 4 OF 10
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	412 FLOAT SKIDTUBE	NTS
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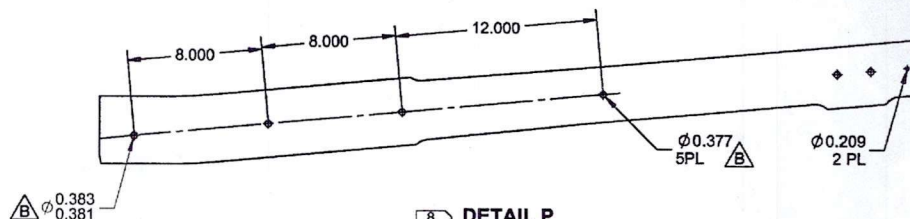
9 D5425-3 FLOAT SKIDTUBE



8 DETAIL M
SCALE 2X



8 DETAIL N
SCALE 2X



8 DETAIL P
SCALE 2X

NOTES:

- 1) MATERIAL: MAKE FROM D5425-3DRILL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 52.57 lbs
- 8) ALL HOLES THRU, BOTH SIDES AND ALIGNED WITHIN 0.010
- 9) MAXIMUM TWIST ALLOWANCE 3° BETWEEN FWD AND AFT BEND, 3° FROM EXTRUSION CENTERLINE AT ANY POINT
- 10) MAXIMUM 5% CRUSHING PER QSI 038 7.1

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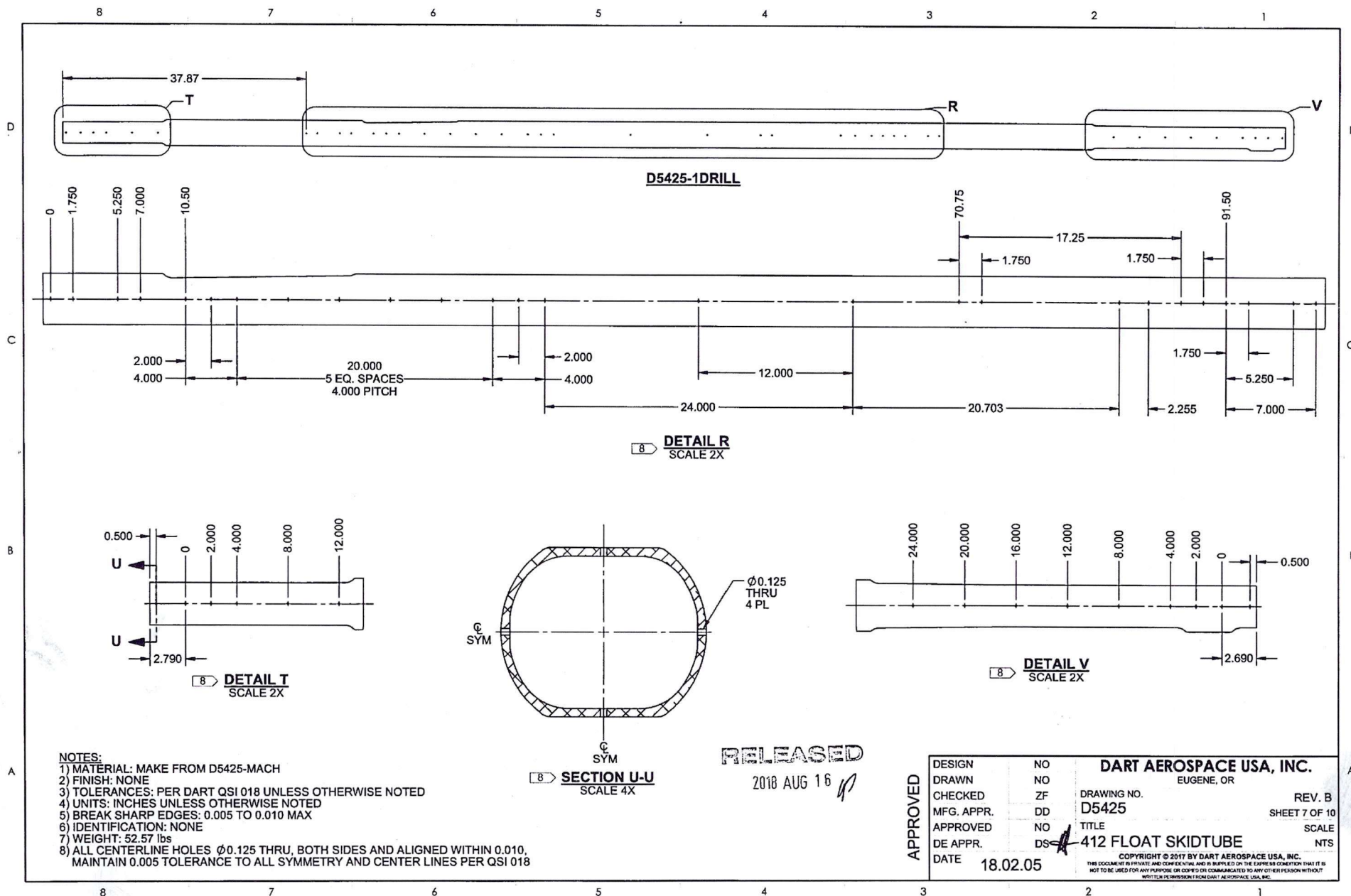
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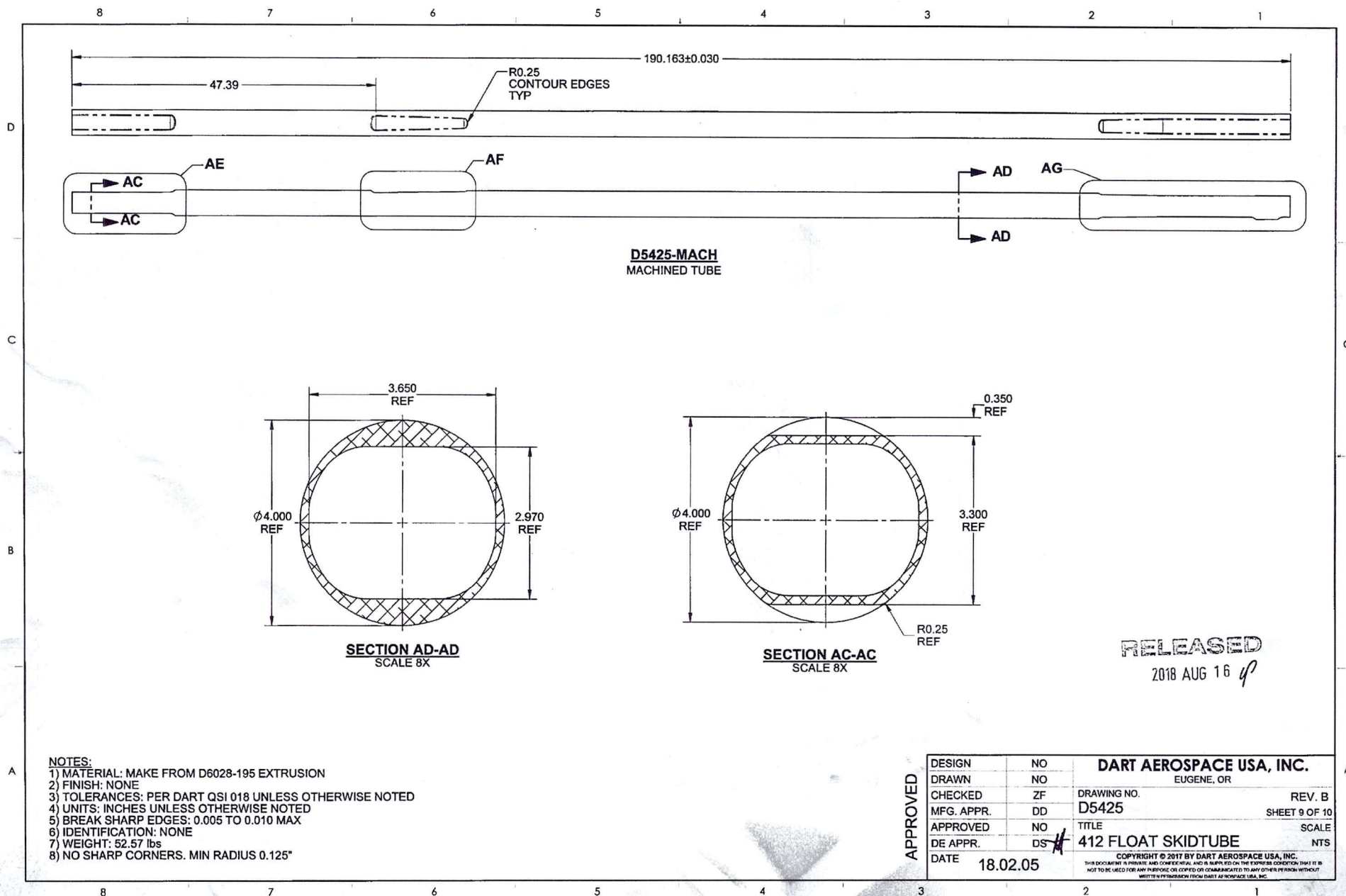
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DRAWN	NO
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MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	18.02.05

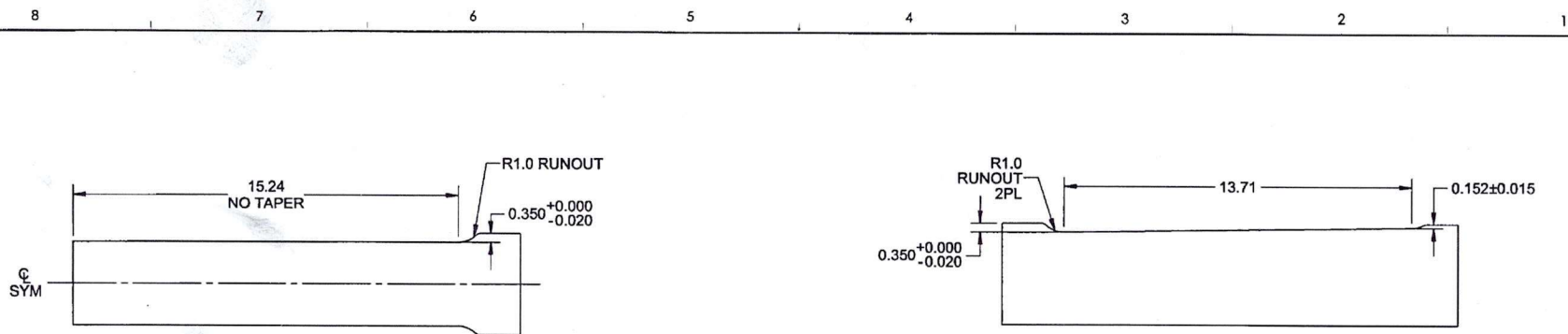
DART AEROSPACE USA, INC.
EUGENE, OR

DRAWING NO.
D5425
TITLE
412 FLOAT SKIDTUBE
REV. B
SHEET 6 OF 10
SCALE
NTS

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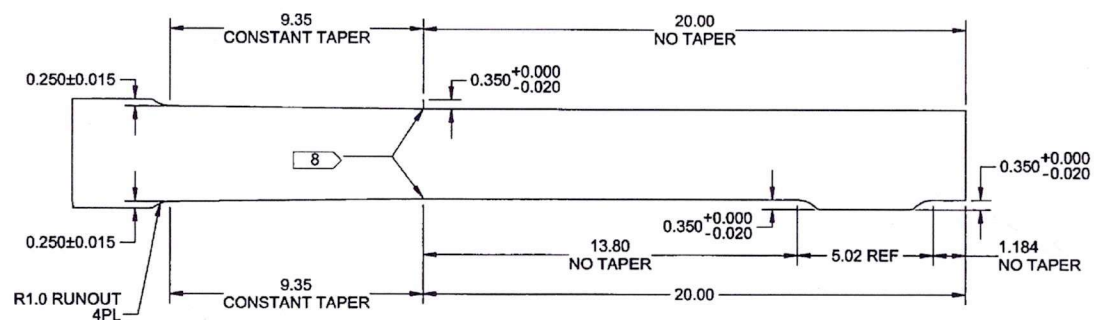






DETAIL AE
SCALE 3X

DETAIL AF
SCALE 3X



DETAIL AG
SCALE 3X

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2018 AUG 16 *4*

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	DRAWN	NO		
	CHECKED	ZF	DRAWING NO.	REV. B
	MFG. APPR.	DD	D5425	SHEET 10 OF 10
	APPROVED	NO	TITLE	SCALE
	DE APPR.	DS	412 FLOAT SKIDTUBE	NTS
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DART AEROSPACE LTD		Work Order:	
Description: 412 FLOAT SKIDTUBE		Part Number:	D5425-3
Inspection Dwg: D5425 Rev: B		Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.500	+/- .010	.501	✓		Vernier	
2.790	+/- .010	2.792	✓		Vernier	
10.790	+/- .010	10.790	✓		tape	
14.790	+/- .010	14.790	✓			
43.120	+/- .010	43.125	✓			
44.870	+/- .010	44.875	✓			
48.37	+/- .010	48.375	✓			
60.37	+/- .010	60.375	✓			
64.37	+/- .010	64.375	✓			
74.37	+/- .010	74.375	✓			
123.328	+/- .010	123.325	✓			
125.87	+/- .010	125.875	✓			
129.37	+/- .010	129.375	✓			
131.12	+/- .010	131.125	✓			
134.62	+/- .010	134.625	✓			
136.37	+/- .010	136.375	✓		tape	
0.500	+/- .010	.502	✓		Vernier	
2.690	+/- .010	2.690	✓		Vernier	
4.69	+/- .010	4.691	✓		Vernier	
18.69	+/- .010	18.687	✓		tape	
15.24	+/- .030	15.24	✓		tape	
R1.0	+/- .100	R1.0	✓		Exhorit	
0.350	+ .000/- .020	.348	✓		pol/pur	
0.350	+ .000/- .020	.347	✓		pol/pur	
R1.0	+/- .100	R1.0	✓		Exhorit	
13.71	+/- .030	13.71	✓		tape	
0.152	+/- .015	.154	✓		pol/pur	
0.250	+/- .015	.242	✓		pol/pur	
9.35	+/- .030	9.35	✓		tape	
0.350	+ .000/- .020	.342	✓		pol/pur	
20.00	+/- .030	20.00	✓		tape	
0.250	+/- .015	.236	✓		pol/pur	

Measured by: M.M.	Checked by: [Signature]	QC Inspector:	
Date: 2019/06/23	DAS 64	Date: 19/06/24	Date:

Engineering Approval: (If necessary)	9-89	Date:	
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Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	

